

The logo for Coconino County, Arizona, is positioned at the top of the slide. It features the word "Coconino" in a large, white, sans-serif font, with "COUNTY" in a smaller, black, sans-serif font directly below it, and "Arizona" in a brown, script font at the bottom. The text is set against a background of several overlapping rectangular photographs showing various Coconino County landscapes: a mountain range, a desert canyon, a river, and a forest. The entire logo area has a textured, light green background.

Coconino

COUNTY

Arizona

Coconino County
Public Works Department

Solid Waste Program

Purpose & Objective

To Evaluate and Discuss Alternatives to County Solid Waste Programs

Discussion Topics:

- **County Solid Waste Trends**
- **Willard Springs Transfer Station Services**
- **Willard Springs Financials**
- **Willard Springs Costs**
- **Proposed Transfer Station Rates**
- **Alternatives to County Transfer Station**

County Solid Waste Trends

- **County's Solid Waste Program Began in the 1970's for Public Health with Rural Residents**
- **County's Program has been Tapering Off Since the Mid-80's**
 - **5 Solid Waste Landfills**
 - **5 Landfills Converted to Transfer Stations within 10 Years to Comply with New Arizona Department of Environmental Quality regulations**
 - **Willard Springs Landfill (Blow Out Landfill) Converted to Transfer Station 1985**
- **County's Involvement in Navajo Nation Solid Waste Began in 1995**
 - **EPA Non-Compliance at Navajo Landfills**

County Solid Waste Trends

- **Tusayan Transfer Station – Closed 2001**
- **Forest Lakes Transfer Station – Closed 2004**
- **Long Valley Transfer Station – Closed 2007**
- **Navajo Nation Solid Waste Program – Ended 2012**

Solid Waste Principles

- Solid Waste is a Utility
- Utilities are Generally “Fee for Service”
- Recover All Costs of Operation with Fees, or
- Allow the Private Sector to Provide Service

Willard Springs Transfer Station



Willard Springs Transfer Station

- Household Waste Accepted
- Bulk Trash Accepted
- County Arrangement with City of Flagstaff
 - Hauled and Disposed at their Landfill
- Recyclable Materials Accepted
 - Plastics, Paper, Metal
 - Hauled by City of Flagstaff to Norton Environmental or a Metal Vendor
- Forest Materials Storage & Burning

Willard Springs Transfer Station

“By the Numbers” (2013)

- 564 Tons of Waste – Household & Bulk Trash
- 75 Tons of Recyclable Materials Diverted
- Forest Material Volume
 - 12,000 cubic yards
- Open Friday & Saturday, 9:00–3:00 Winter
- Open Friday Thru Monday, 9:00–5:00 Summer
- Operates with a Special Use Permit on USFS Land (Coconino National Forest)

Tonnage Analysis

- Willard Springs
 - Steadily Declined from 917 Tons in 2006 to 445 Tons in 2012
 - From 2009 to Present, Maintaining Average at 550 Tons
- Why?
 - Economy
 - Private Enterprise
- Our Observations Indicate 90% of Residences in Munds Park, Mountaineer and Kachina Village have Curbside Service
- Private Sector has the Economy of Scale in Today's Economy

Willard Springs Trends

- Not Receiving Much Daily Household Garbage
- Receiving Commercial Waste and Construction Waste
- Receiving Forest Materials Seasonally

Willard Springs Transfer Station

- **Consider How Often You Visit the Transfer Station**
- **Consider What Commodities You Bring**
- **Garbage is a Volume Business**
- **It Takes A Lot of Volume to Successfully Operate**

Willard Springs Financials

- **\$109,000 Fiscal Year 2014 (FY14) Expenditures**
- **\$80,000 FY14 Revenues (73% Recovery)**
- **Breakdown**
 - **Employee Expenses \$50,000**
 - **Disposal \$20,000**
 - **Hauling \$15,000**
 - **Other Operating \$24,000**
- **Expenditures Increased Last 3 Years**
 - **City of Flagstaff Tipping Fees Up \$2 per Ton**
 - **Employee Expenses**

First Year Transfer Station Rates

Willard Springs - Full Cost Recovery Rates		
Size of Load (Household)	Current Fee: \$15 Per Cubic Yard	* Proposed Fee
Small Kitchen Bag: 13 Gallons	\$1.00	\$2.00
Medium Garbage Bag: 30 Gallons	\$3.00	\$5.00
Long Bed Pickup: 1.5' H x 8.0' L	\$30.00	\$52.00
Trailer: 5.0' W x 10' L x 1.5' H	\$55.00	\$84.00

*MGT of America "Cost of Services Study Finding" Nov, 2014

First Year Transfer Station Rates

Willard Springs - Full Cost Recovery Rates		
Size of Load (Forest Materials)	Current Fee: \$5 Per Cubic Yard	* Proposed Fee
Long Bed Pickup: 1.5' H x 8.0' L	\$12.00	\$27.00
Trailer: 6.5' W x 10' L x 1.5' H	\$18.00	\$43.00

*MGT of America "Cost of Services Study Finding" Nov, 2014

Operating Cost Reductions

- Staff
 - Part-Time Solid Waste Manager Position
 - One Part-Time Transfer Station Operator
 - Eliminated Operator Position
 - Utilize Existing Public Works Staff When Needed
 - Utilize Summer Temporary Help
- Agreement for Hauling

Waste Disposal Alternatives

- Private Haulers to Pickup & Dispose of Household Waste – Garbage and Recycling
- Private Haulers to Pickup & Dispose of Bulk Trash
- Residents Haul Material to City of Flagstaff Landfill

Private Sector Service Providers

- Willard Springs Transfer Station Alternatives:
 - Waste Management
 - Northern Arizona Waste Services
 - Norton Environmental
 - Bleekers Boxes
 - City of Flagstaff Landfill - \$44.42 per ton

A Word About Bulk Trash Disposal Options...

- **Job Contractors Haul It Away**
 - Example: Home Remodeling Construction Debris
- **Home Appliance Companies Remove It**
 - Example: Deliver New Refrigerator...Take Old One
- **Non-Profit Charities Accept It (Some Pick It Up) and can Provide Tax Credits**
 - Example: Old Couches, Appliances
- **Residents Haul Material to City of Flagstaff Landfill**
- **Residents Rent A Front-Load Dumpster or Roll-Off Box for Big Projects**

Future for Willard Springs Site

- **Next Step: Broker a Cooperative Arrangement between County, USFS, Communities and Fire Department for Burning Forest Materials Locally**

Future for Willard Springs Site

- Utilize Willard Springs as a Dedicated Green Waste Disposal Site for Area Communities
- Continue Annual Community Cleanups at Willard Springs

Willard Springs Transfer Station

Questions

Willard Springs Transfer Station

Thank You!

**Presentation & Meeting Recording Available
at**

www.coconino.az.gov/SolidWasteDivision